User's manual

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NVIP-3000 series IP camera

NOVUS®

IMPORTANT SAFEGUARDS AND WARNINGS

EMC (2004/108/EC) and LVD (2006/95/EC) Directives

CE Marking

Our products are manufactured to comply with requirements of following directives and national regulations implementing the directives:

- Electromagnetic compatibility EMC 2004/108/EC.
- Low voltage LVD 2006/95/EC with further amendment. The Directive applies to electrical equipment designed for use with a voltage rating of between 50VAC and 1000VAC as well as 75VDC and 1500VDC.

WEEE Directive 2002/96/EC

Information on Disposal for Users of Waste Electrical and Electronic Equipment

This appliance is marked according to the European Directive on Waste Electrical and Electronic Equipment (2002/96/EC) and further amendments. By ensuring this product is disposed of correctly, you will help to prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.

The symbol on the product, or the documents accompanying the product, indicates that this appliance may not be treated as household waste. It shall be handed over to the applicable collection point for the waste electrical and electronic equipment for recycling purpose. For more information about recycling of this product, please contact your local authorities, your household waste disposal service or the shop where you purchased the product.

RoHS Directive 2002/95/EC

Concerning for human health protection and friendly environment, we assure that our products falling under RoHS Directive regulations, regarding the restriction of the use of hazardous substances in electrical and electronic equipment, were designed and manufactured in compliance with mentioned regulation. Simultaneously, we claim that our products were tested and do not contain hazardous substances exceeding limits which could have negative impact on human health or natural environment.

Information

The device, as a part of professional CCTV system used for surveillance and control, is not designed for self installation in households by individuals without technical knowledge.

The manufacturer is not responsible for defects and damages resulted from improper or inconsistent with user's manual installation of the device in the system.

ATTENTION!

PRIOR TO UNDERTAKING ANY ACTION THAT IS NOT PROVISIONED FOR THE GIVEN PRODUCT IN ITS USER'S MANUAL AND OTHER DOCUMENTS DELIVERED WITH THE PRODUCT, OR THAT ARISES FROM THE NORMAL APPLICATION OF THE PRODUCT, ITS MANUFACTURER MUST BE CONTACTED OR THE RESPONSIBILITY OF THE MANUFACTURER FOR THE RESULTS OF SUCH AN ACTION SHELL BE EXCLUDED.

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IMPORTANT SAFEGUARDS AND WARNINGS

WARNING!

THE KNOWLEDGE OF THIS MANUAL IS AN INDESPENSIBLE CONDITION OF A PROPER DEVICE OPERATION. YOU ARE KINDLY REQUSTED TO FAMILIRIZE YOURSELF WITH THE MANUAL PRIOR TO INSTALLATION AND FURTHER DEVICE OPERATION.

WARNING!

USER IS NOT ALLOWED TO DISASSEMBLE THE CASING AS THERE ARE NO USER-SERVICEABLE PARTS INSIDE THIS UNIT. ONLY AUTHORIZED SERVICE PERSONNEL MAY OPEN THE UNIT

INSTALLATION AND SERVICING SHOULD ONLY BE DONE BY QUALIFIED SERVICE PERSONNEL AND SHOULD CONFORM TO ALL LOCAL REGULATIONS

1. Prior to undertaking any action please consult the following manual and read all the safety and operating instructions before starting the device.
2. Please keep this manual for the lifespan of the device in case referring to the contents of this manual is necessary;
3. All the safety precautions referred to in this manual should be strictly followed, as they have a direct influence on user's safety and durability and reliability of the device;
4. All actions conducted by the servicemen and users must be accomplished in accordance with the user's manual;
5. The device should be disconnected from power sources during maintenance procedures;
6. Usage of additional devices and components neither provided nor recommended by the producer is forbidden;
7. You are not allowed to use the camera in high humidity environment (i.e. close to swimming pools, bath tubs, damp basements);
8. Mounting the device in places where proper ventilation cannot be provided (e. g. closed lockers etc.) is not recommended since it may lead to heat build-up and damaging the device itself as a consequence;
9. Mounting the camera on unstable surface or using not recommended mounts is forbidden. Improperly mounted camera may cause a fatal accident or may be seriously damaged itself. The camera must be mounted by qualified personnel with proper authorization, in accordance with this user's manual.
10. Device should be supplied only from a power sources whose parameters are in accordance with those specified by the producer in the camera technical datasheet. Therefore, it is forbidden to supply the camera from a power sources with unknown parameters, unstable or not meeting producer's requirements;

Due to the product being constantly enhanced and optimized, certain parameters and functions described in the manual in question may change without further notice.

We strongly suggest visiting the www.novuscctv.com website in order to access the newest manual .

Technical changes reserved without prior notice and printing errors possible.

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START-UP AND INITIAL CAMERA CONFIGURATION

1. START-UP AND INITIAL IP CAMERA CONFIGURATION

1.1. Overview

Following manual for IP Cameras NVIP-7000 series contains detailed information about camera connection and operation, main page introduction, system related settings and camera settings.

Note

In this document you can find all available functionality. Depending on camera model some features might be unavailable.

1.2. Starting the IP camera

To run NOVUS IP camera you have to connect ethernet cable between camera and network switch.

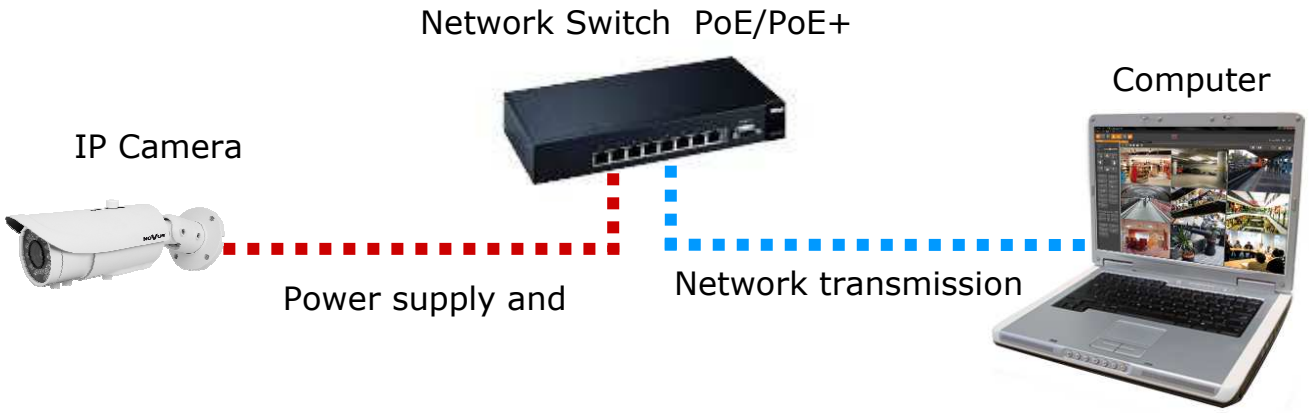
To power it up you can connect it directly via power supply adapter with parameters compatible with camera power supply specification, or camera can be powered with PoE/PoE+ (IEEE 802.3af/802.3at) compatible switch.

After connecting power supply green LED should light on. Initialization process is then started which takes about 30 seconds. You can then proceed to connect to the camera via web browser.

If the connection is successfully established orange LED blinks with a frequency proportional to the quantity of data sent. Connecting via web browser is then possible. If connection isn't established (the network cable is disconnected) green and orange LEDs aren't active, solid light means that network connection is ok but camera doesn't receive or send any data, with possible PC network settings error.

The recommended way to start an IP camera and perform its configuration is a connection directly to the network switch which is not connected to other devices. To obtain further information about network configuration parameters (IP address, gateway, network mask, etc.) please contact your network administrator.

- Connection utilising network switch with PoE/PoE+ support



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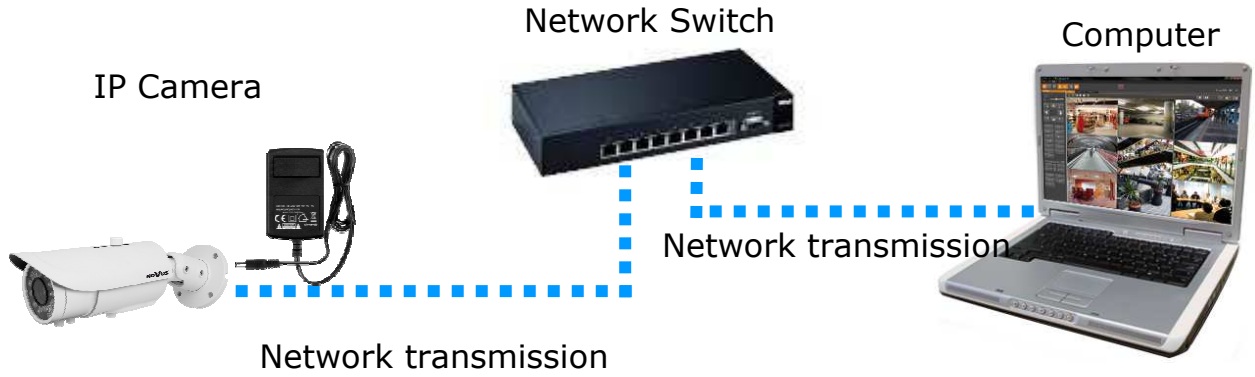
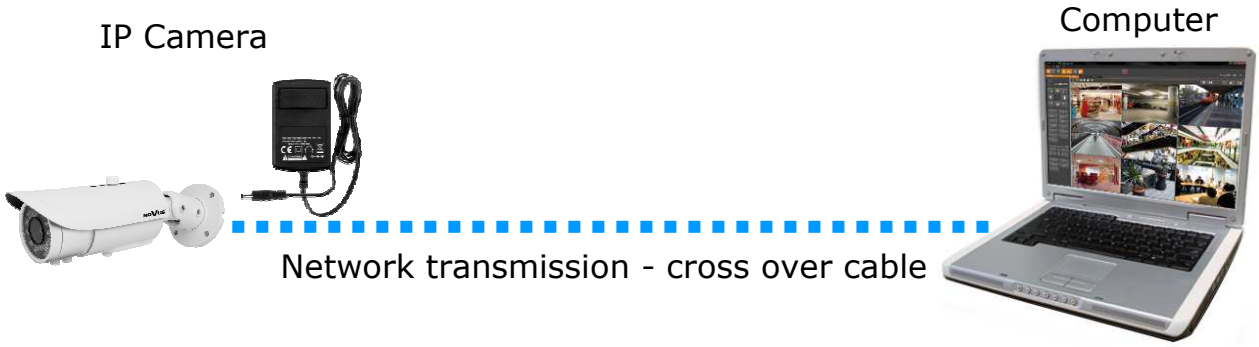
START-UP AND INITIAL CAMERA CONFIGURATION

- Connection utilising external power supply and network switch



- Connection utilising external power supply directly to the computer



1.3. Initial configuration via the web browser

The default network settings for IP camera NVIP-7000 series are:

1. IP address= **192.168.1.200**
2. Network mask - **255.255.255.0**
3. Gateway - **192.168.1.1**
4. User name - **root**
5. Password - **pass**

Knowing the camera's IP address you need to appropriately set PC IP address, so the two devices can operate in one network subnet (e.g. for IP 192.168.1.1, appropriate address for the camera ranges from 192.168.1.2 to 192.168.1.254, for example 192.168.1.60). It is not allowed to set the same addresses for camera and PC computer

You can either set a network configuration (IP address, gateway, net mask, etc.) of NOVUS IP camera yourself or select DHCP mode (DHCP server is required in this method in target network) by using web browser or by NMS software. When you use DHCP server check IP address lease and its linking with camera MAC address to avoid changing or losing IP address during device operation or network/ DHCP server breakdown. You have to remember to use a new camera IP address after changing network parameters.

After network setting configuration has been done, the camera can be connected to a target network.

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NETWORK CONNECTION UTILIZING WEB BROWSER

2. NETWORK CONNECTION UTILIZING WEB BROSWER

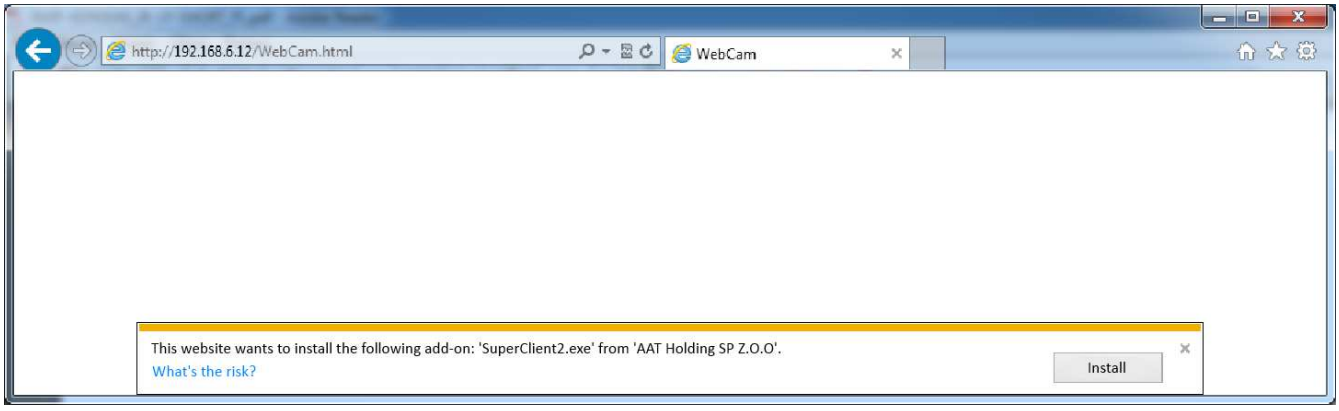
2.1. Recommended PC specification for web browser connections

Requirements below apply to connection with an IP camera, assuming smooth image display in 1920x1080 resolution and 25 fps speed.

1. CPU **Intel Pentium IV 3 GHz** or newer
2. **RAM** Memory min. **512 MB**
3. VGA card (any displaying **Direct 3D with min. 128 MB RAM** memory)
4. OS **Windows XP / VISTA**
5. **Direct X** version **9.0** or newer
6. Network card **10/100/1000 Mb/s**

2.2. Connection with IP camera via web browser

You have to enter camera IP address in the address bar. When you connect to the camera, web browser will download the applet for displaying images from the camera. In Internet Explorer it may be necessary to accept an ActiveX control. To do this, click the right mouse button on the message, select "Install Active X control" and then click Install. After successfully SuperClient2 plug in downloading run and install it on a computer.


http://192.168.6.12/WebCam.html
WebCam
This website wants to install the following add-on: 'SuperClient2.exe' from 'AAT Holding SP Z.O.O'.
What's the risk?
Install

Internet Explorer Add-on Installer - Security Warning
Do you want to install this software?
Name: SuperClient2.exe
Publisher: AAT Holding SP Z O.O.
More options
Install
Don't Install
While files from the Internet can be useful, this file type can potentially harm your computer. Only install software from publishers you trust. What's the risk?

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NETWORK CONNECTION UTILIZING WEB BROWSER

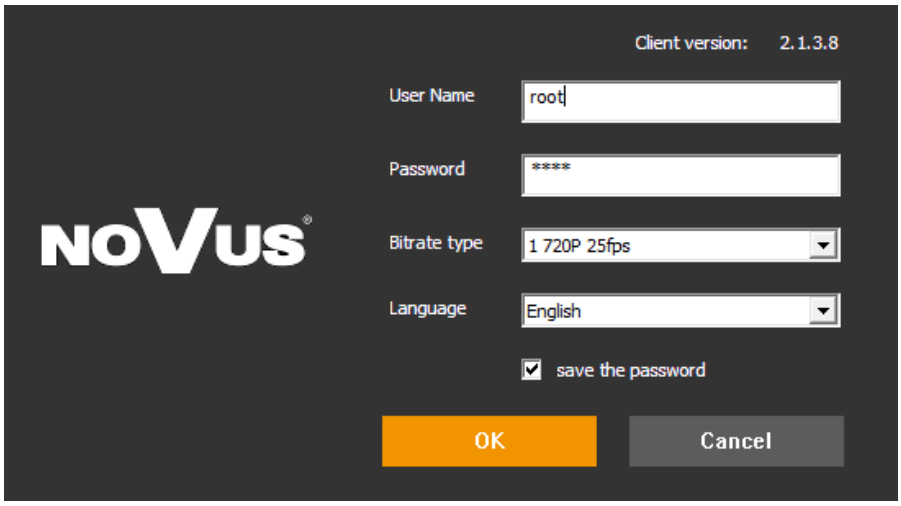
If the installation fails, changing security settings for the IE browser is required. In order to do that, please choose: *Tools* > *Internet options* > *Security tab* > *Custom level* and:

- Under *Download unsigned ActiveX controls* - select either Enable or Prompt
- Under *Initialize and script ActiveX controls not marked as safe* - select Enable or Prompt

You can also add the camera's IP address to "*trusted zone*" and set lowest security level for it.

In addition, when working in Windows Vista/7 the ActiveX applet may be blocked by Windows Defender or User account control. In such case you should allow to run this applet, or simply disable these functions.

After successful installation login window will be displayed. Default user is **root** and default password is **pass.** For safety reasons, it is recommended to change default user name and password.



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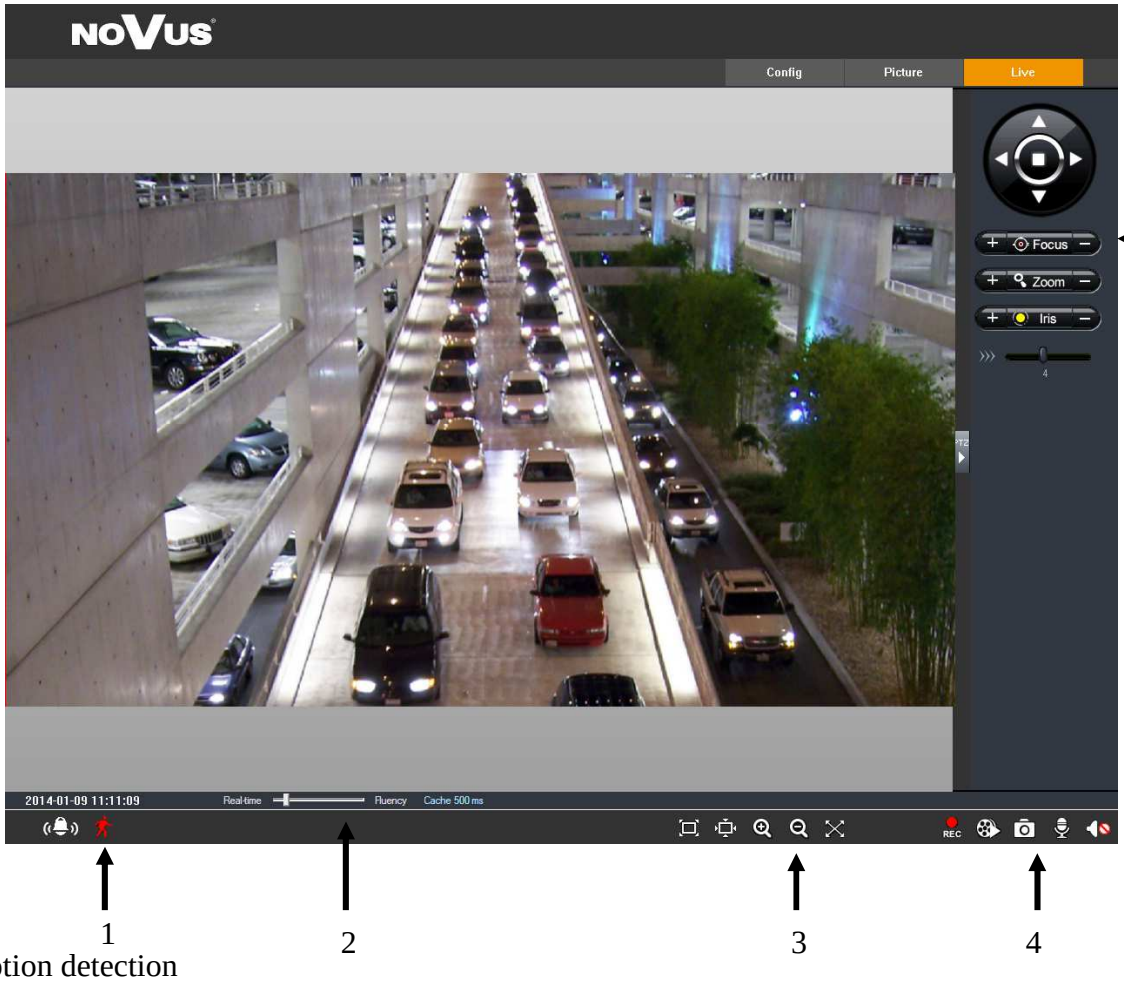
3. USING AND CONFIGURING

3.1 The Remote Preview Interface



1. Motion detection

Motion detection icon changes color from white to red when motion is detected.

Alarm icon changes color from white to red when alarm situation has occured.

2. Display fluency settings

It is possible to increase video display fluency by setting video buffor (0 ~ 4 seconds).

3. Video size settings

Fix size

Zoom in

Zoom in

Zoom out

Full screen

4. Local record

Start record

Playback

Snap

Enable / disable audio

5. PTZ - Function unavailable

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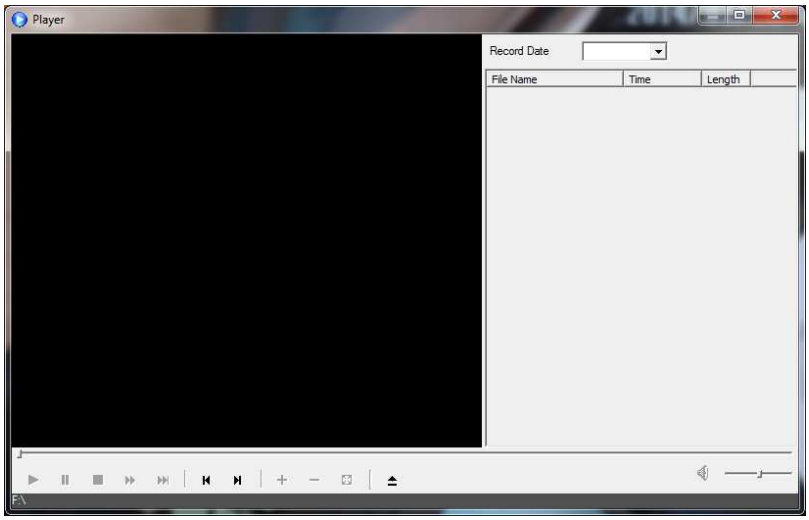
3.2 Video Record and Playback

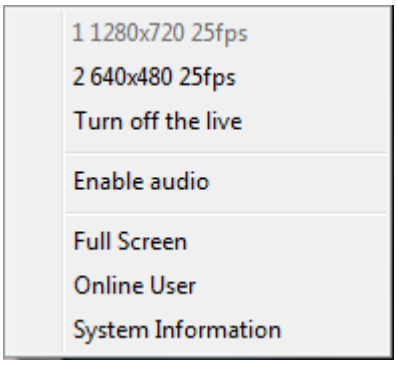
To start recording click icon and specify file path.

After selecting the record date, the record files will be displayed in the record file list box. Double click a certain record file to playback or check a certain file. Then click Play button to do playback. It is possible to do relating operation according to some buttons in the playback interface.



▶ Playback	⏩ Fast Forward	+ Zoom In
⏸ Pause	⏭ Next Frame	− Oddal
■ Stop	⏮ Previous File	⛶ Full Screen
	⏯ Next File	⏏ Path

3.3 Right-click Function



Clicking right mouse will appear a pull-down list as below:

1 Stream:	Current resolution for first stream.
2 Stream:	Current resolution for second stream.
Turn off the live:	Click this item to close present live preview.
Enable audio:	Enable remote audio transmission. Users can hear the audio from the IP Camera.
Full screen:	The live preview picture will full-screen display. Double click or click right mouse to return to the previous interface.
Online user:	Display user's list connect to the device.
System information:	Display the device information: device name, firmware version, software build date, kernel version and hardware version.

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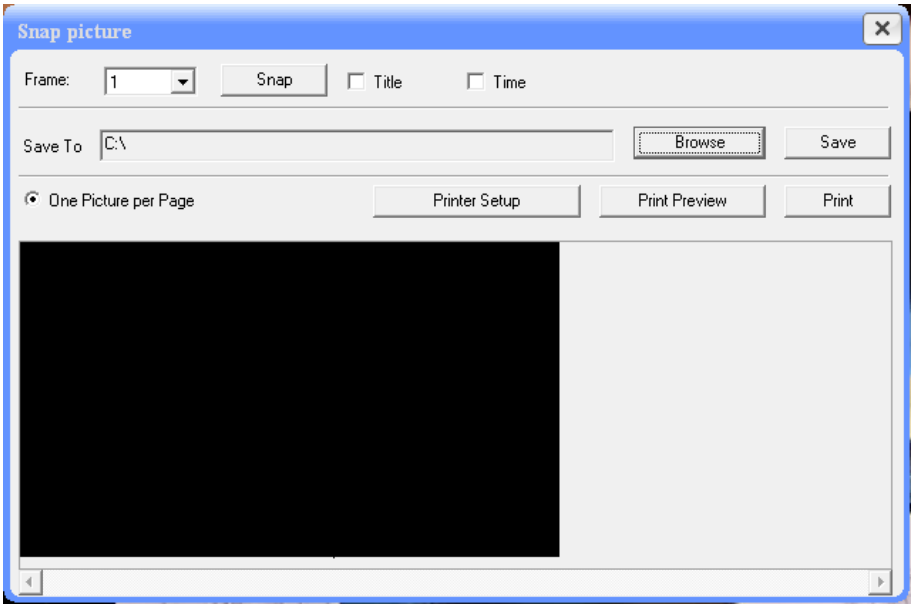
3.4 Snap Pictures

To take a picture click "Snap" icon.

User can snap multiple pictures. Select the picture number from Frame pull down list box and check "Title" and "Time" to show capture title and time on the snap pictures simultaneously.



Click "Browse" to set saving path. Click "Save" to save pictures to HDD on the computer. Click "Printer setup" to set the printer and print the snap pictures. Drag the scroll bar to view all snapped pictures.

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3.5 System Configuration

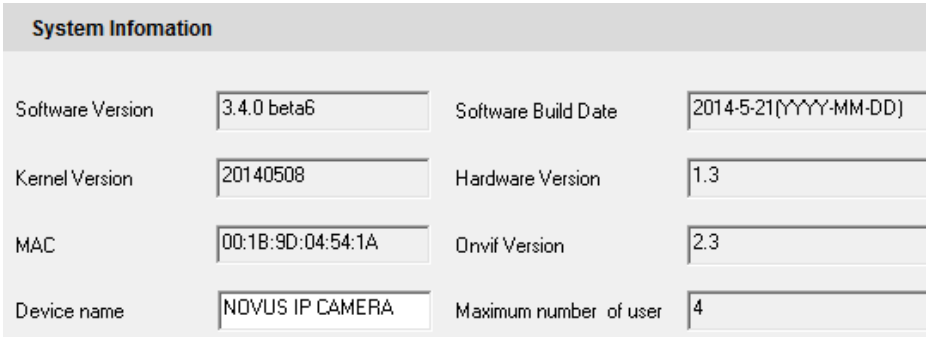
The "System configuration" includes two submenus: Basic Information and Date & Time.

3.5.1 Basic Information

In the "Basic Information" interface, user can setup the device name and also can check the relative information of the server.

To change device name:

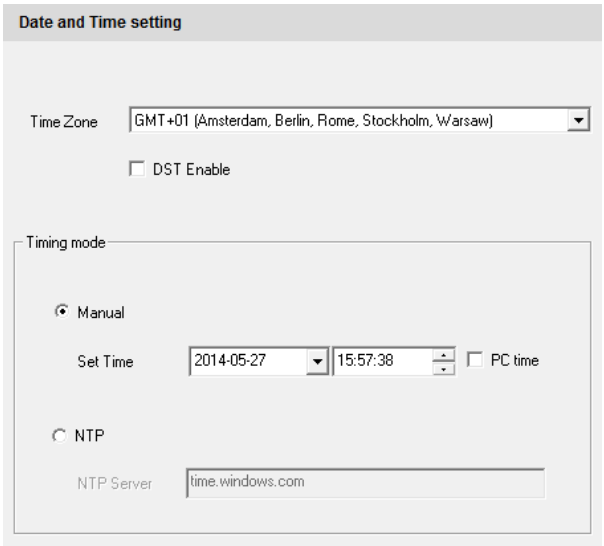
1. Click the "Config" icon to show menu list.
2. Enter into "System Config" -> "Basic Information "
3. Input the name of the device in the "Device name" text box.
4. Press the "Save" button to save the settings.



3.5.2 Date & Time

To change date and time:

1. Enter into "System Config" -> "Date & Time"
2. Choose the right "Time Zone" according to user's location.
3. User can also enable DST and set DST mode and time.
4. Selecting "Manual", user can self-define time
4. It is possible to synchronize time with NTP Server.
5. Press the "Save" button to save the settings.



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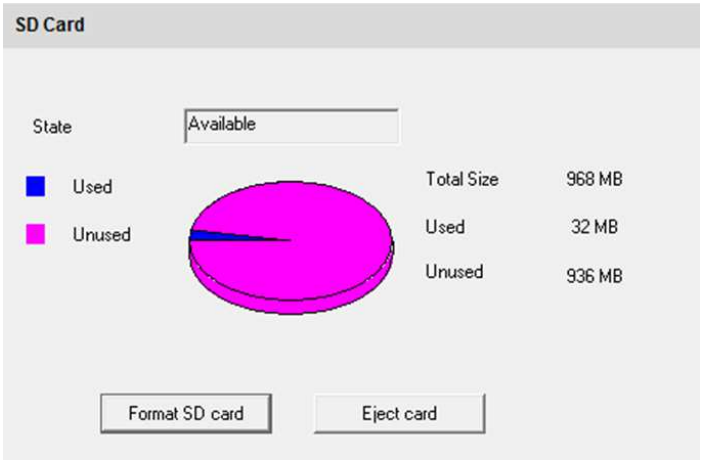
3.5.3 SD card



Enter into "System Config" -> "SD Card".

1. Click "Format SD card" to format micro SD card.
2. Click "Eject card" to stop writing data to micro SD card. Then the micro SD card can be ejected safely.

Note: Using SD card function should be coordinated with motion alarm. When alarm is triggered, the system will automatically snap picture and save the picture into micro SD card.

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3.6 Video Configuration

3.6.1 Camera Configuration

1. Enter into "Video Config" -> "Camera".
2. User can adjust Brightness, Contrast, Hue and saturation of the picture.
3. It is possible to select white balance mode.
4. Sharpen, denoise, white balance, frequency and distortion correction are adjustable.
5. User also can enable the image mirror and image overturn function.
6. Day-night mode allows to choose: LightAutomatic (user can set the day and night mode switching threshold), Daytime, Night and Timing (set the hour to switch mode).
7. Night Mode Advanced Settings allows to set denoise and image gain functions.
8. Press the "Save" button to save the settings.

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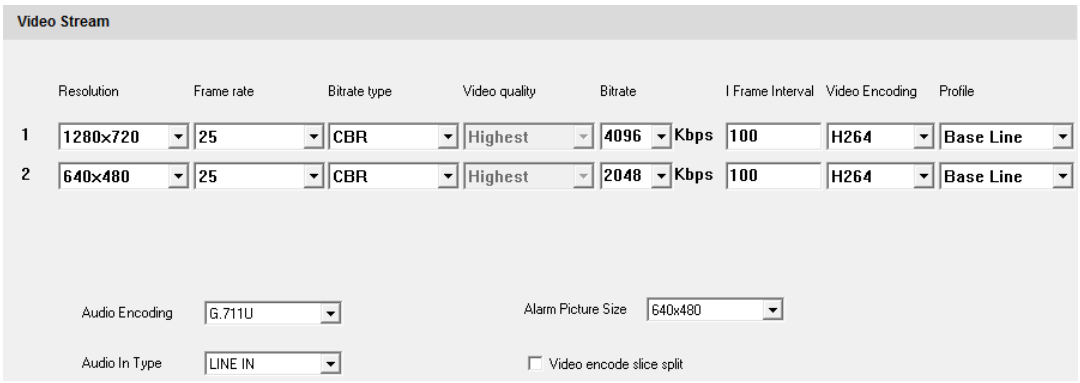
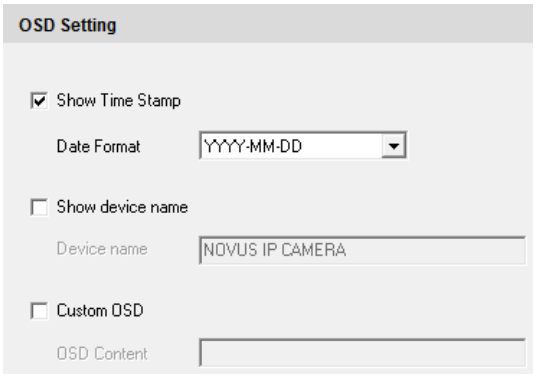
3.6.2 Video Stream

1.Enter into "Video Config" -> "Video Stream".
2. Select the resolution, frame rate, bitrate type, video quality and bitrate at the pull down list.
3. User can also set I Frame Interval (25~100 range) and profile (Base Line or Main Profile).
4. Select the data stream type at the "Bitrate type" pull down list.
5. Set audio encoding and audio in type.
6. Choose the alarm picture size.
7. "Video encode slice split" increase cameras efficiency, but with this function on, camera may do not be compatible with all previous devices.
8. Press the "Save" button to save the settings.



3.6.3 Time Stamp

Enter into "Video Config" -> "Time Stamp" to change OSD options.



User can display date, device name and custom OSD.
To change text location, drag displayed text with left mouse button.
To save changes press "Save" button.

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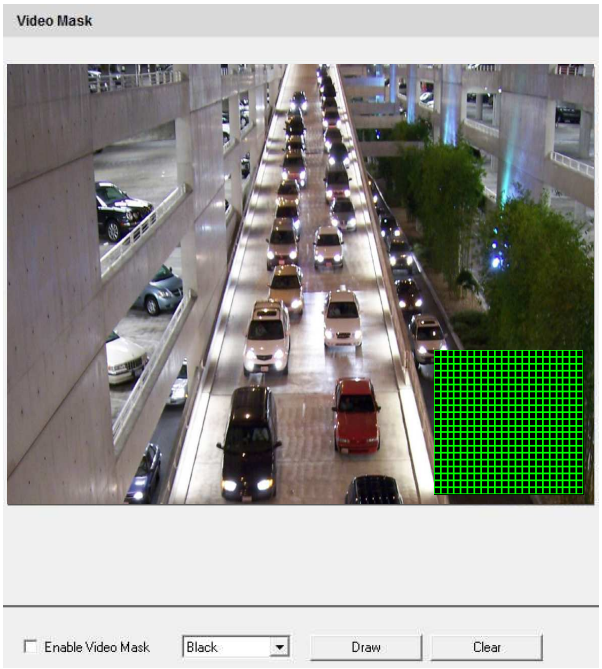
3.6.4 Video Mask

User can set up to 4 video masks.

To add video mask press "Draw" button and mark mask on video preview. Chosen area will cover with green grid. To activate mask check "Enable Video Mask". To save settings press "Save" button. Press "Clear" button to remove all video masks.



3.7 ROI Config

Function unavailable.

3.7 PTZ Config

Function unavailable.

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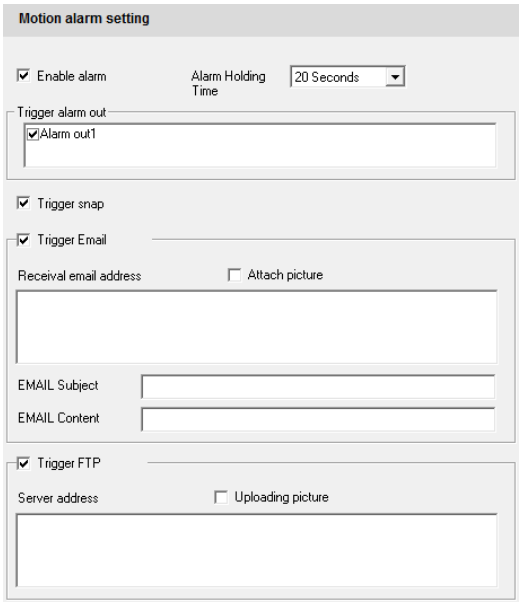
3.8 Alarm Configuration

3.8.1 Motion Detection Area

1. Enter into "Alarm configuration" -> "Motion Detection Area" to see a interface.
2. Move the "Sensitivity" scroll bar to setup the motion trace sensitivity.
3. Check the "Add", press the "Ctrl" button and move mouse to select the motion detection area. Select "Erase" and move the mouse to clear all motion detection area.
4. Press the "Save" button to save the settings.

3.8.2 Motion Detection Trigger

1. Enter into "Alarm Configuration" -> "Motion Detection Trigger"
2. Check "Enable alarm" check box. Then all functions under this interface will be activated.
4. Trigger Email: Check "Attach picture" and select email addresses in the "Receival email address" text box (Email address shall be set first in the Mail config interface). Then the triggered snap pictures will be sent into those address. User also can define the subject and content of the email.
5. Trigger FTP: Check "Uploading picture". Then the triggered snap pictures will be sent into FTP server address. Please refer to FTP configuration chapter for more details.
6. Press the "Save" button to save the settings.



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3.8.3 Motion Detection Schedule

Enter into "Alarm Config" -> "Motion Detection schedule"

Week schedule

User can set alarm time for every weekday separately in one week.

Note: It is possible to choose hours from 0-24 range. Mouse clicks on the panel to set the alarm hours. Green means selected area, blank means unselected area.

"Add": add the schedule for a special day.

"Erase": delete holiday schedule

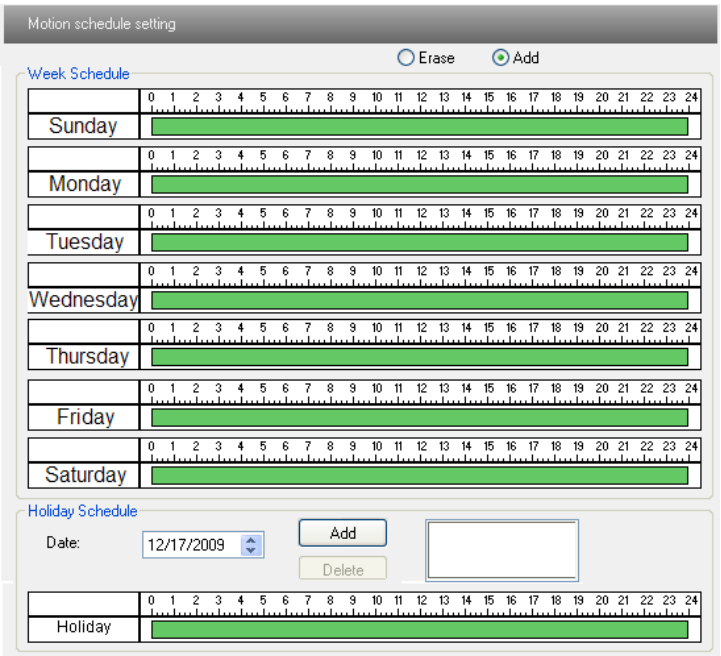
Day schedule

User could set alarm time for alarm in some time of special day, such as holiday.

1. Select a date at the "Date" pull down list, press "Add" button to add that date to the list box on the right side and then move the scroll bar to set the schedule of that day.
2. Select a date in the list box on the right side, and press "Erase" to remove the schedule on that day.

Press the "Save" button to save the settings.

Note: Holiday schedule is prior to Week schedule.



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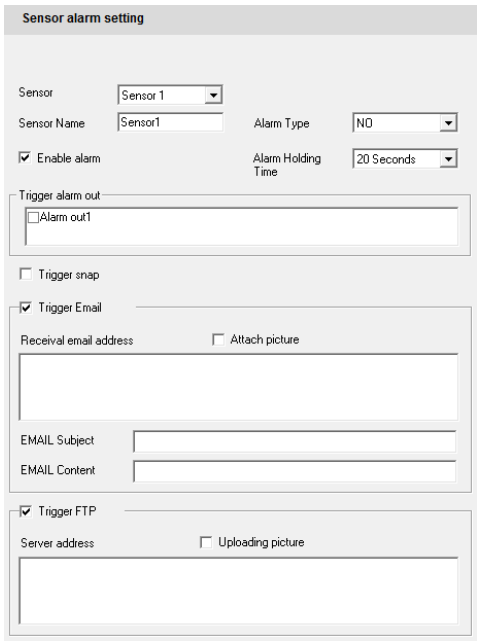
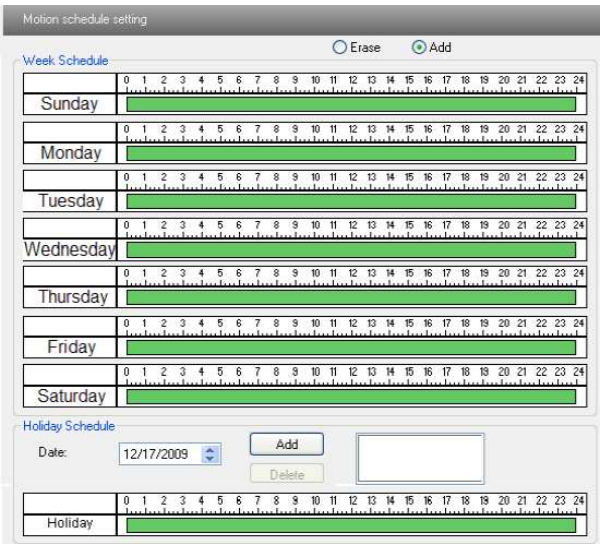
3.8.4 Alarm Input Trigger



Enter "Alarm Configuration" -> "Alarm Input Trigger".

1. Select the sensor at the "Sensor" pull down list and set the sensor name and alarm type: NO and NC.
2. Enable alarm and select alarm holding time.
3. Set alarm trigger options. The setting steps are the same with that of motion detection trigger. Please refer to motion detection trigger chapter for details.
4. Press the "Save" button to save the settings.

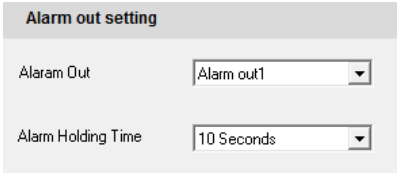
3.8.5 Alarm Input Schedule



Enter into "Alarm Configuration" -> "Alarm Input Schedule".

1. Select the sensor which needs to setup the alarm parameter at the "Sensor" pull down list
2. The following setup steps are similar to Motion Detection Schedules. Please refer to Motion Detection Schedule chapter for more details.

3.8.6 Alarm out



Enter into "Alarm configuration" -> "Alarm output".

1. Select alarm holding time and alarm name at the "Alarm out" and "Alarm holding time" pull down list box respectively.
2. Press the "Save" button to save the settings

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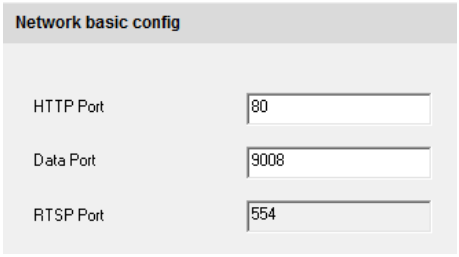
3.9 Network Configuration

Network configuration includes ten submenus: Port, Wired, Server Configuration, IP Notify, DDNS Config, RTSP, UPNP, Mail Setting and FTP.

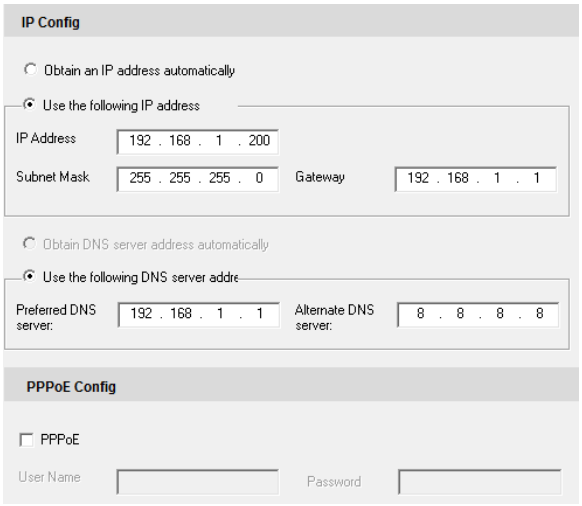
3.9.1 Port

1. Enter into "Network Config" -> "Port"
2. Input port number in the "HTTP Port" textbox.
3. Input the port number for audio & video transmission in the "Data Port" textbox.
4. Press the "Save" button to save the settings.



3.9.2 Wired

1. Enter into "Network Config" -> "Wired"
2. There are two Options for setup IP: "Obtain an IP address automatically" by DHCP protocol or "Use the following IP address", where user can set data manually.
5. PPPOE: User needs to manual input the user name and password.
4. Press the "Save" button to save the settings.



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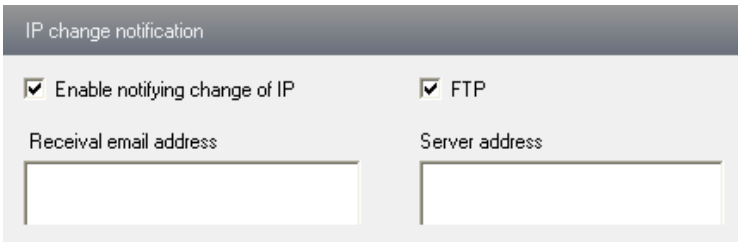
USING AND CONFIGURING

3.9.4 IP Notify

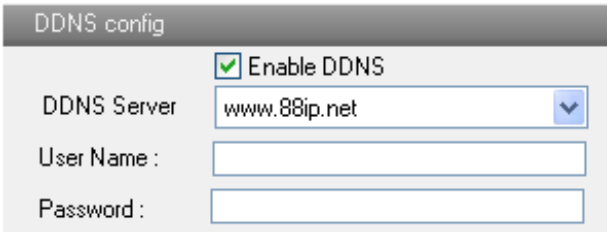
1. Enter into "Network Config" -> "IP Notify"
2. If the "Enable notifying change of IP" is selected, when the IP address of the device is changed, a new IP address will be sent to the appointed mailbox automatically. If "FTP" is selected, when the IP address of the device was changed, a new IP address will be sent to FTP server.



3.9.5 DDNS Config

1. Enter into "Network Config" -> "DDNS Config"
2. Register a user name and a password to log on the website of service supplier, and then apply for a domain name online for the server.
3. After sucessful registration, input User Name and Password for chosen server.
4. Press the "Save" button to save the settings.

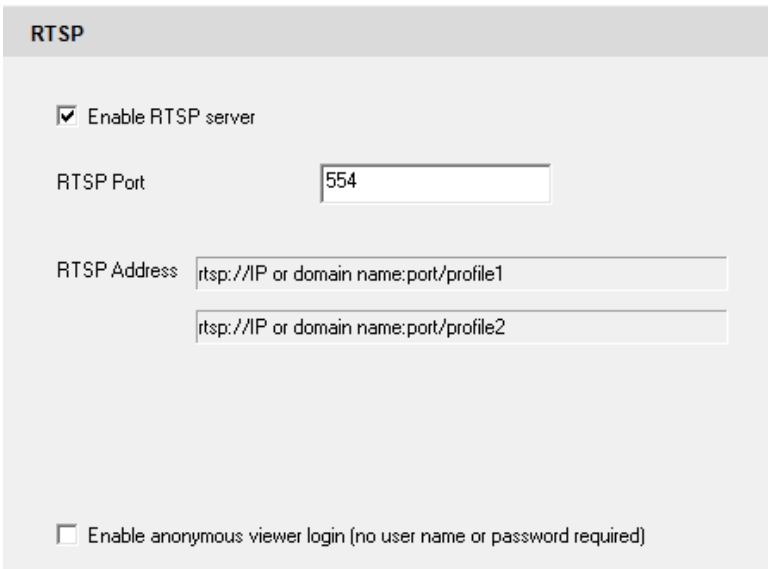
Allowed DDNS servers: www.dns2p.net, www.88ip.net, www.meibu.com, www.dyndns.com, www.no-ip.com, www.3322.org and mintdns type.



3.9.6 RTSP

Enter into "Network Config" -> "RTSP"

1. Select "Enable RTSP server".
2. RTSP Port: Access Port of the streaming media. The default number is 554.
3. RTSP Address: The RTSP address you need to input in the media player.
4. You can also choose to enable anonymous viewer login.



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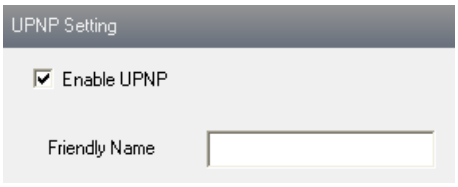
3.9.7 UPNP

Enter into "Network Config" -> "UPNP"

Select "Enable UPNP" and then input friendly name.



Enable UPNP in Windows

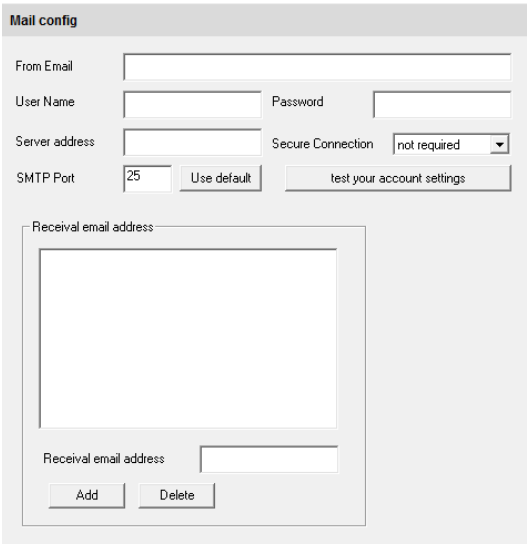
Double-click the "My Network Places" icon on the desktop in PC and select "Show icons for networked UPnP devices" in the "Network Tasks" list box. Then a information window will pop up. Click "YES" button to see a "Windows Components Wizard" dialog box pop up as shown below. Then press "Next" to continue. After finished the installation of configuring components, the UPnP icons will display. Users can double-click certain icon to connect the remote surveillance login interface through IE.

3.9.8 Mail Config

Enter into "Network Config" -> "Mail Config"

From Email: Sender's e-mail address
User name and password: Sender's user name and password
Server address: SMTP name of sender
Select the secure connection type at the Secure
Connection pull down list according to user' actual needs
Receival email address list: Add email address into the list
Receival email address: Receiver's e-mail address

After all parameters setup, user can click "Test your account settings". If email sent successful, "Test Successful" window will pop up, if not, users can try other email addresses or check the setting.



Note: If user change the static IP into PPPoE and select mailbox, there will be an e-mail sent to user's mail box for notify a new IP address.

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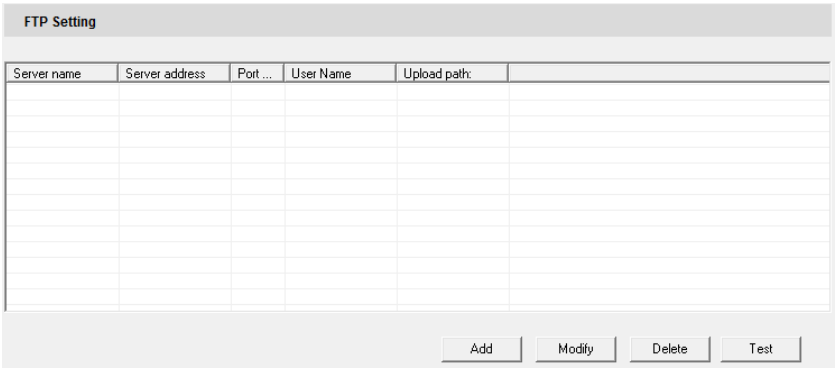
USING AND CONFIGURING

3.9.9 FTP

Enter into "Network Config" -> "FTP Setting"

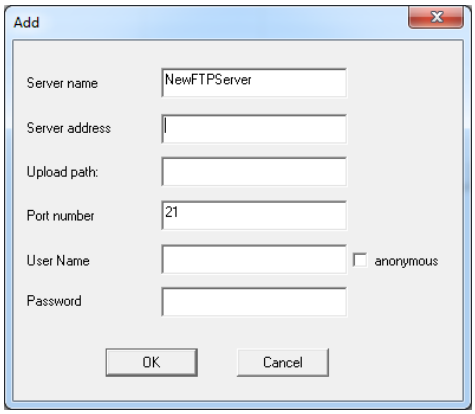


Add: Click Add button to input FTP server's server name, address, port number, user name, password, and upload path, click OK to confirm the setting.

Modify： User can click this button to change some information of the FTP server

Delete： Select certain FTP account; Click this button to delete this account

Test ： Select certain FTP account; Click this button to test its valid or not.

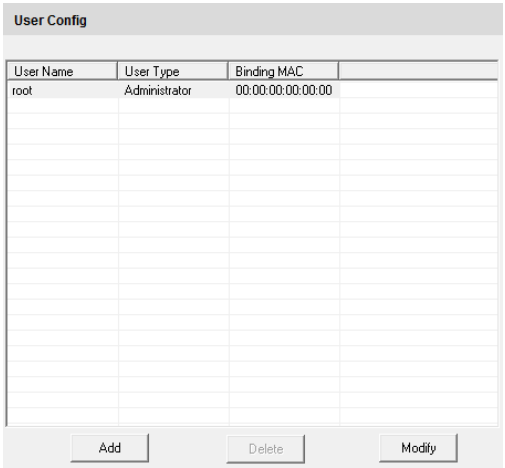


3.10 Advanced Config

Advanced configuration includes five submenus: User Configuration, Onvif Configuration, Security Configuration, Configure Backup & Restore, Reboot and Upgrade.

3.10.1 User Config

Enter into "Advanced Config" -> "User Config"



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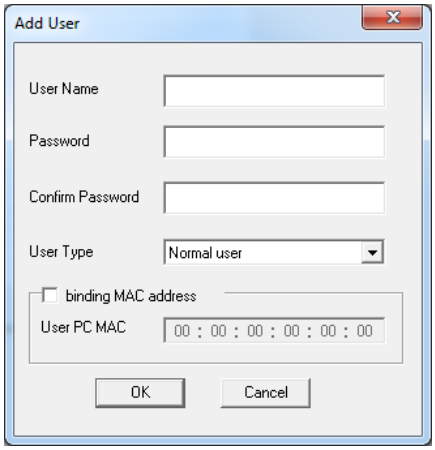
USING AND CONFIGURING

Add user:

1. Click "Add" button. "Add User" dialog box will pop up.

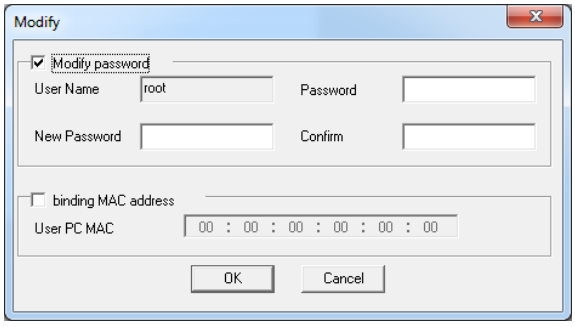


Note: After bind physical address to the IP Camera, user can access the device on this PC in network only. If the MAC address was "00:00:00:00:00:00" it can be connected to any computer.

2. Input user name in "User Name" textbox (only letters).
3. Input characters in "Password" and "Confirm Password" textbox (letters or numbers).
4. Input the MAC address of the PC in "Binding MAC address" textbox.
5. Click "OK" button and then the new added user will display in the user list.

Modify user:

1. Select the user to modify password and physical address in the user configuration list box.
2. Click "Modify" button. "Modify user" dialog box will pop up.
3. Input original password of this user in the "password" text box.
4. Input new password in the "New password" and "Confirm" text box.
5. Input computer's physical address in the "User PC MAC" text box.
6. Click "OK" button to modify user's password and bind MAC address successfully.



Delete user:

1. Select the user which needs to be deleted in the user configuration list box.
2. Click "Delete" button will pop up a confirm dialog box. Click "OK" to delete the user.

Note: The default super administrator cannot be deleted.

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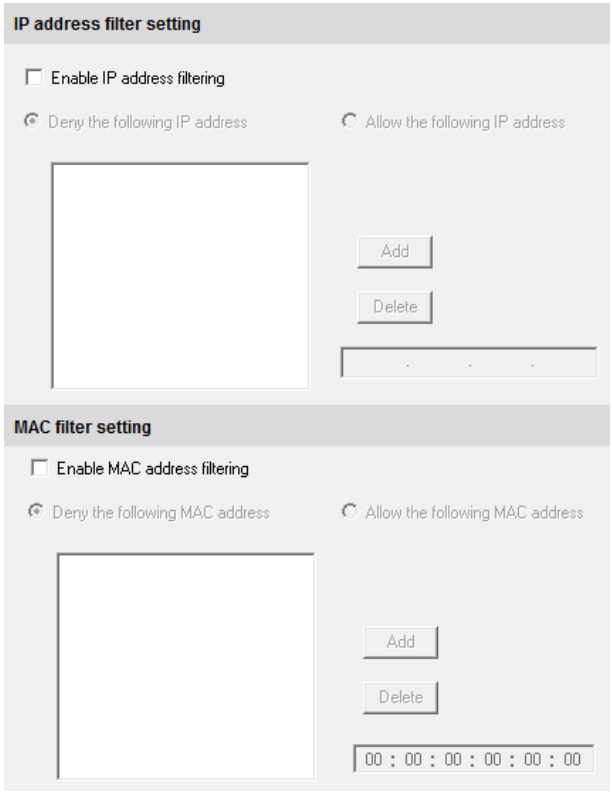
USING AND CONFIGURING

3.10.2 Security Configuration

Enter into "Advanced Config" -> "Security Config"



IP address filter setting

Check "Enable IP address" check box, select "Deny the following IP address", input IP address in the IP address list box and click "Add" button. Then this IP address will display in the list box. Option "Allow the following IP address" is the same with "Deny the following IP address".

Select the IP address which needs to be deleted from the IP address list box and click "Delete" button to delete that IP address.

Click "Save" button to save the above setting.

MAC filter setting

Check "Enable MAC address" check box, select "Deny the following IP address", input MAC address in the MAC address list box and click "Add" button. Then this MAC address will display in the list box. Option "Allow the following MAC address" is the same with "Deny the following IP address".

Select the MAC address which needs to be deleted from the MAC address list box and click "Delete" button to delete that MAC address.

Click "Save" button to save the above setting.

3.10.3 Config Backup & Restore

Enter into "Advanced Config" -> "Config Backup & Restore"

Import & Export Configuration:

User can import or export the setting information from PC or to device.

To Import Setting: Click "Browse" to select save path to import information from PC. User can import all setting information to PC, but "user configuration" and "network configuration" are exceptional. To start import click "Import setting".

To Export Setting: Click "Export setting"

Default setting

Click "Load default" button to restore all system settings to default status.

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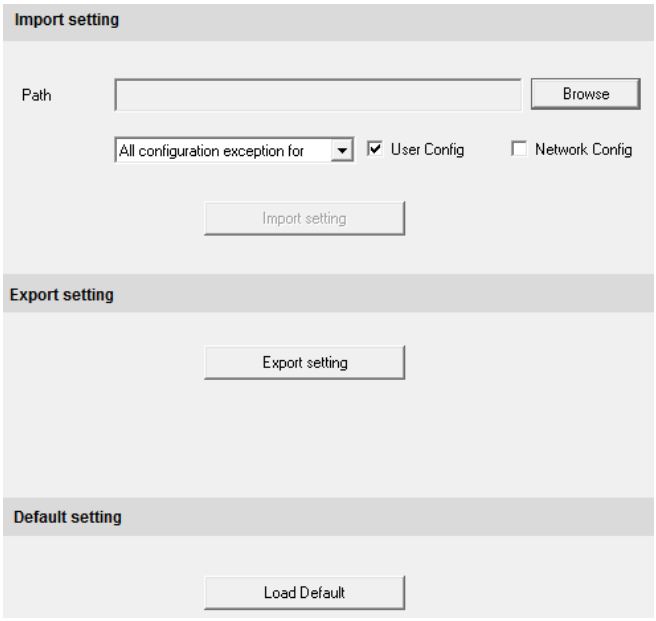


3.10.4 Reboot

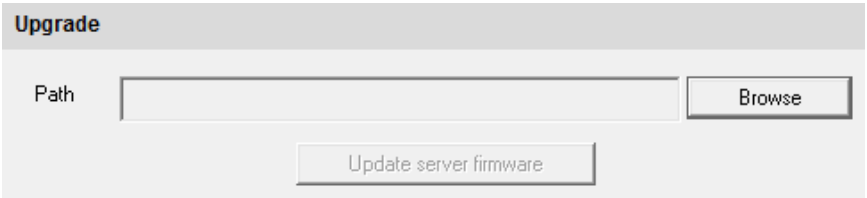
Enter into "Advanced Config" -> "Reboot".

Click "Reboot" button to reboot the device.

3.10.5 Upgrade

Enter into "Advanced Config" -> "Upgrade"

1. Click "Browse" button to select the upgrade file
2. Click "Upgrade server firmware" button to start upgrading the application program
3. The device will restart automatically
4. After you successfully update the software, click "OK" button to close IE and then re-open IE to connect IP Camera.



Notice: During upgrade user can't disconnect IP camera from PC or turn off IP camera.

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MOBILE SURVEILLANCE

4. MOBILE SURVEILLANCE

This IP-CAM supports mobile surveillance by phones with Windows mobile, iPhone, Android and Blackberry OS. Please check the operation system version of mobile before use; and connect the IP-CAM to Internet.

4.1. Moblie Surveillance via iPhone

4.1.1 Install Mobile Surveillancec software directly via iPhone.

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1. Open App Store software.
2. Search "SuperLive Pro" and click "Free" button.

3. Click "Install App" button.
4. Input iTunes Store password and then click "OK". The software will be installed automatically.

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4.1.2 Install Mobile Surveillance software via PC.

1. Install iTunes store on PC and login.

2. Connect iPhone with PC.

3. Search "SuperLivePro" and select it.

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MOBILE SURVEILLANCE

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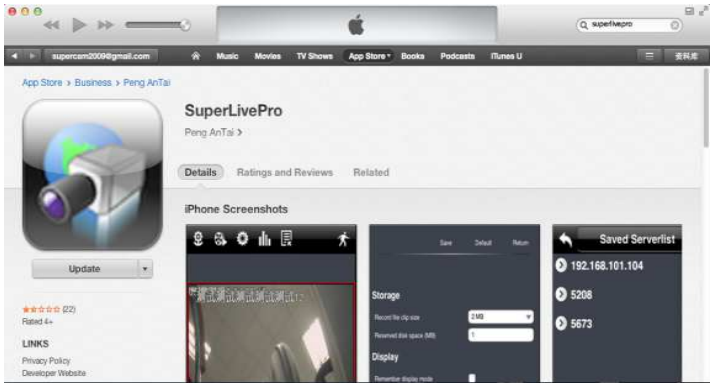
4. Click "Download" button.



5. Input username and password.

6. Install SuperLivePro software to iPhone/iPad.

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4.1.3 SuperLivePro Instruction

Login

1. Choose network type. There are two network connection ways:

- 3G/3G +WIFI, well video quality. This network supports main stream and sub stream. The real-time image will be displayed by using sub stream.
- 3G-, poor video quality compared with network mentioned above.

2. Input server, account and password.

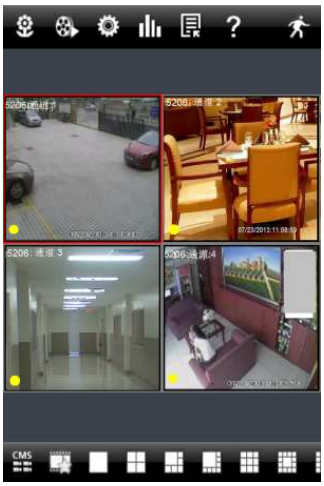
Server: WAN IP address (or domain name) plus HTTP port of the device. For example: 210.21.183:89 or 123.dvrdydns.com:89.

Note: The default http port of the device is 80. If this port is modified, please use the modified port.

Account and Password: The login account and password of the device. The default account is root and the default password is pass.

3. Click【Login】button to access the device.

Main Interface



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There are many buttons in the main interface, such as, screen mode, favorite channel, snap, record, open/close audio, talk, PTZ., etc.

: Image view button. The pictures snapped in the live will be checked by clicking this button.

: Playback button. Click this button to enter into playback interface.

: Settings button. Click this button to set local configuration (Some can also support remote configuration).

: Information button. Click this button to check lots of information including local information, device information, network information, etc.

: Server list button. Click this button to add server list.

: Help button.

: CMS button. Preview the live image of multi-devices.

: Log off button. Click this button to return to the login interface.

: Screen mode button. You can choose 1，4，6，8，9，13 or 16 screen display mode.

: Favorite channel display button. If you save your favorite channel in the favorite server list, clicking this button will directly play all favorite channels you have saved.

: Snap button. Choose the channel and click this button to capture the channel image.

: Local record button. Choose the channel and click this button to start recording.

: Open/Close audio. Choose the channel and click this button to open/close the audio of this channel.

: Open/Close talk. Click this button to pop up the servers which support talk function. Select the device to start talking.

: Set video parameter button. Select the channel and click this button to set the video parameters including brightness, hue, saturation and contrast.

: PTZ button. Click this button to pop up PTZ control panel.

: Choose bitrate priority or quality priority according to your network condition.

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Channel indicator instruction:

: Video loss : Schedule recording : Others

: Sensor alarm : Motion alarm

: Motion /sensor alarm based recording or manual recording

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Server list

Click button to show adding new devices window.

Add device: Click "Add" button in the top right corner to pop up a dialog box as shown in the following left picture. Input the relative information of device and click "Save" button.

Delete device: Click button behind the device name to delete this device.

Edit device: Click button behind the device name to edit the information of this device.

Backup & restore: It is recommended to click "Backup" button to reserve the information of all devices. Then you can click "Restore" button to restore all device information after you re-install the client or accidently delete the device.

Connection symbols:

indicates the device has been connected.

indicates the device is connecting.

indicates the device is not connected.

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MOBILE SURVEILLANCE

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Live Preview

Once you access the device, the system will automatically display the screen mode in accordance with the channel number of the device.

Note: The maximum number of channels which can be connected is nine.

1. Click "Screen mode" button to select channel as shown in Fig 1.
2. When there is video playing in a screen, you can switch the channel by long pressing the screen as shown in Fig 2.
3. When no video is playing in a screen, click this screen to choose channel as shown in Fig 3.
4. When the single channel is playing, you can zoom in/out the image by swiping you finger up and down as shown in Fig 4.
5. When the single channel is playing, the channel can be switched by swiping your finger left or right as shown in Fig 5.
6. When multi channels are playing, drag one channel screen to the other channel screen. This will make these two channels change the position of each other.

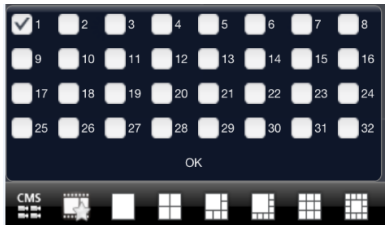

Fig 1

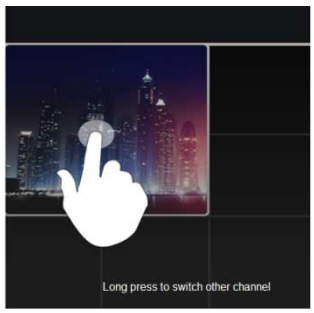

Fig 2

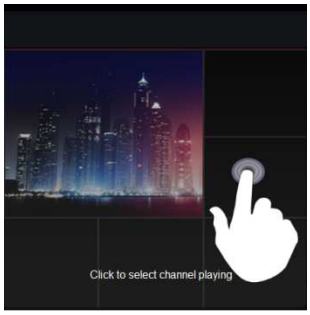

Fig 3

Fig 4

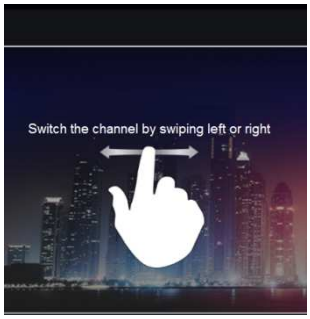

Fig 5

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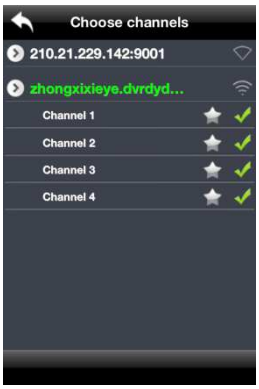
CMS Function

This function makes multi-device management.

1. Click CMS to enable CMS function. When this icon turns green, it means this function is enabled.
2. Click Set(0) to choose channel as shown in the right picture. After you choose the channel, click "ok", the system will display the related image automatically.



If channels have been added into the group, you can see the images by clicking the group name.

On viewing the group channel images, click button and select channels to check other channel images.

Click "Exit CMS" to exit CMS mode and return to the main interface of the device.

Favorite Channel/Group

There are two kinds of favorite channels: favorite channels of the device and favorite group of CMS.

Favorite channels of the device

1. Click to enter into device management list. Click the device name to extend channel. Enlight channels to save favorite channels as shown in the following picture on the left.
2. Return to the main interface and click button to play the favorite channels.

Favorite groups of CMS

Enable CMS function and enlight the group to save the favorite groups as shown in the following picture on the right.

Then click button to play. Only one favorite group can be collected.

: Yellow color means the channel or group has been collected. Grey means the channel or group isn't collected.

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MOBILE SURVEILLANCE

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Playback Interface

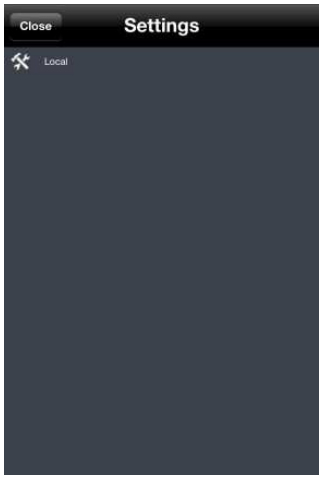
Click "Playback" button to enter the playback interface. Then click "Search" button to search the file. To play the record click required file name.

Image View

Click button to view the captured pictures.

Settings Interface

In this interface, you can configure the local settings.



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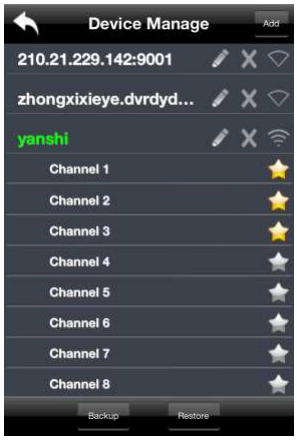
Information Interface

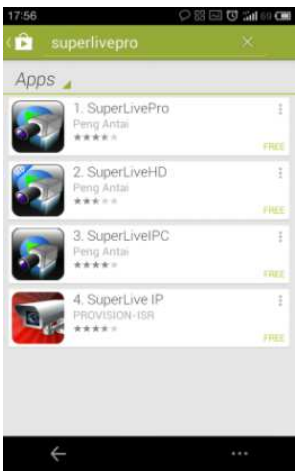
In this interface, you can view system information.

4.2. Mobile Surveillance via Android OS smartphone.

4.2.1 Software Installation

1. Run "Play Store" (or Google market) program.
2. Search "SuperLivePro".





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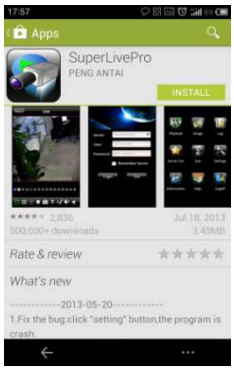
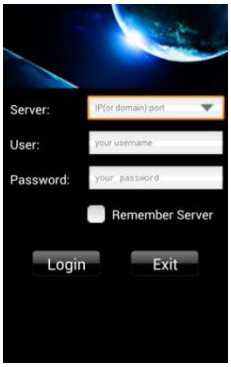
MOBILE SURVEILLANCE

3. Press "Install" button.
4. Install the software subject to the notes. Once the downloading is done, the software will install automatically.



Login

1. Configure the network of your device and mobile phone.



2. Input the WAN IP address/domain name and port of your device in the sever column. The port should be HTTP port of your device. The default http port of the device is 80. If you have changed your http port, please enter the new port here. For example: 210.21.228.183:89 or 123.dvrdydns.com:89.
3. Input the account and password of your device. The default account name is root and the default password is pass.
4. Check "Remember Server" to save the setting. When you login next time, you can click ▼ button to select this server for quick access.

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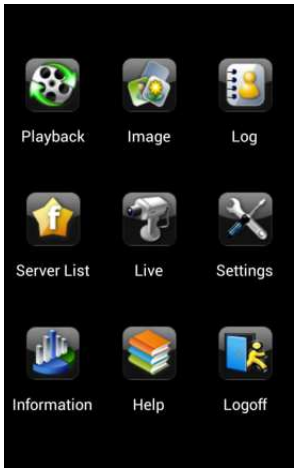
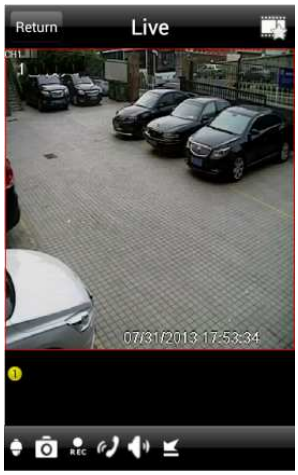
MOBILE SURVEILLANCE

Main Menu



Live View



- PTZ
- Snap
- Record
- Talk
- Enable/disable audio
- Hide
- Play favorite channel

Image View

- First picture
- Previous picture
- Next picture
- Last picture
- Zoom in
- Zoom out
- Delete

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MOBILE SURVEILLANCE

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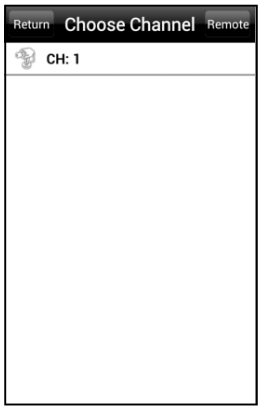
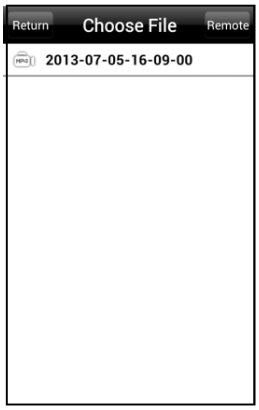
Record Playback

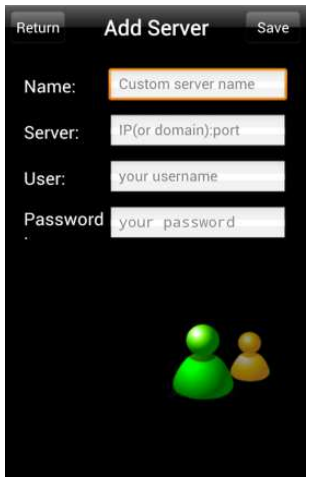
Click "Playback" in the main menu interface to enter playback interface. Then choose the channel you want to playback. This will take you to see the record file. Click this file to play.





Pause/Play
Stop
Forward
Backward

Server List



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MOBILE SURVEILLANCE

Add Server: Click button to pop up a window as shown in the previous picture on the right hand. Enter the name, server, user and password of the device you want to add. Then click "Save" button to save the server. When you log in next time, you can choose and quickly access this server by clicking the little triangle button in the server column.

Modify Server: Click button to modify the server information.

Delete Server: Click button to delete the server information.

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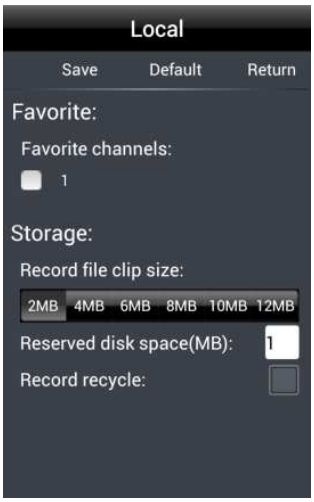
Settings

In the main menu interface, click "Settings" to enter the settings interface where you can configure local settings.

Click "Local" to enter local settings interface. In this interface, you can set favorite channel and storage .



Favorite Channel: Check the favorite channels and click【Save】button to save these channels. Then go into live interface and click button to play these favorite channels.

Storage: Setup the relevant parameters of mobile video.

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RESTORING FACTORY DEFAULTS

5. RESTORING FACTORY DEFAULTS

NOVUS IP cameras allow to restore defaults via:

- software (web browser level)
- software (NMSiptool level)
- hardware (using reset button)

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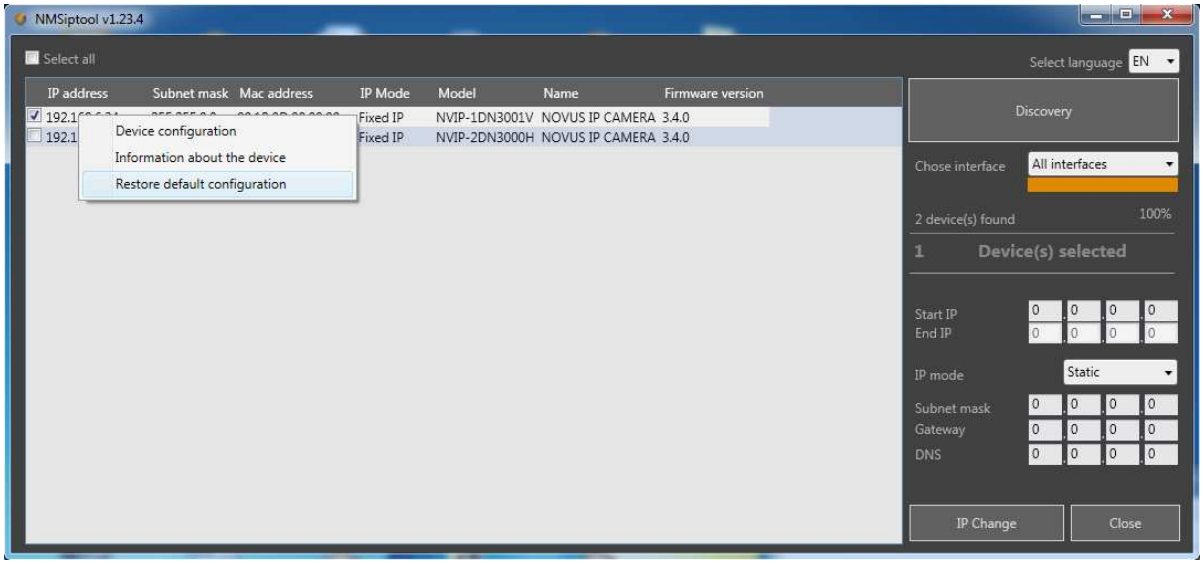
Restoring factory defaults by software means (web browser level)

User can restore default settings of the IP camera. To restore to default settings go to: "Advanced Config -> Config Backup & Restore" tab. Process of restoring takes about two minutes.

Restoring factory defaults by software means (NMSiptool level)

NMSip (version 1.23.4 or later) allows to restore factory defaults. To restore settings find camera via NMSiptool, click right mouse button and choose " Restore default configuration". Next, within 30 seconds, it is required to turn the camera power off and on.



Restoring factory defaults by hardware means.

Feature available not for all camera models.

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NOTES

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